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CIS 3308

HW 3

Web API Errors

Missing Database Driver

* Error obtained by deleting the mysql-connector file

{

* **dbError**: "Problem getting driver:com.mysql.jdbc.Driver",
* **webUserList**: [ ]

}

Database Unreachable

* Obtained this error by not tunneling into the network

{

* **dbError**: "Problem getting connection:Communications link failure The last packet sent successfully to the server was 0 milliseconds ago. The driver has not received any packets from the server.",
* **webUserList**: [ ]

}

Database Not Authorized

* Error obtained by using the wrong db password in dbconn

{

* **dbError**: "Problem getting connection:Access denied for user 'sallyk'@'98-01-a7-a5-9c-fb.wireless.temple.edu' (using password: YES)",
* **webUserList**: [ ]

}

Syntax Error in SQL Statement

* Obtained this error by intentionally misspelling ‘FROM’ as to use a syntax not familiar to mySQL

{

* **dbError**: "",
* **webUserList**:

[

* + {
    - **webUserId**: "",
    - **userEmail**: "",
    - **userPassword**: "",
    - **birthday**: "",
    - **membershipFee**: "",
    - **userRoleId**: "",
    - **userRoleType**: "",
    - **errorMsg**: "Exception thrown, messages is: You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'web\_user, user\_role where web\_user.user\_role\_id = user\_role.user\_role\_id ORDER B' at line 1"

}

]

}

Error Extracting Data from Result Set (bad column name)

* Obtained this error by intentionally gathering from a non-existent column or that of ‘webUserID’.

{

* **webUserId**: "",
* **userEmail**: "",
* **userPassword**: "",
* **birthday**: "",
* **membershipFee**: "",
* **userRoleId**: "",
* **userRoleType**: "",
* **errorMsg**: "Exception thrown in model.webUser.StringData (the constructor that takes a ResultSet): Column 'webUserId' not found."

},

Error Extracting Data from Result Set (wrong data type)

* Error obtained by intentionally using ‘formatInteger’ when the field was a string.

{

* **webUserId**: "1",
* **userEmail**: "bad Integer in FormatUtils:andrew@temple.edu Error:java.lang.String cannot be cast to java.lang.Integer",
* **userPassword**: "pw",
* **birthday**: "11/22/2001",
* **membershipFee**: "",
* **userRoleId**: "3",
* **userRoleType**: "Member",
* **errorMsg**: ""

},